PCT

REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

| For receiving Office use only | |
|--|-------------|
| International Application No. | |
| International Filing Date | |
| Name of receiving Office and "PCT International Ap | oplication" |

| according to the Patent Cooperation Treaty. | Name of receiving Office and "PCT International Application" | | | | |
|---|---|--|--|--|--|
| | Applicant's or agent's file reference (if desired) (12 characters maximum) 15670-044WO1 | | | | |
| Box No. I TITLE OF INVENTION | | | | | |
| Polypeptide Transduction and Fusogenic Peptides | | | | | |
| Box No. II APPLICANT This person is | also inventor | | | | |
| Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 1111 Franklin Street Oakland, CA 94607-5200 United States of America | | Telephone No. | | | |
| | | Facsimile No. | | | |
| | | Teleprinter No. | | | |
| | | Applicant's registration No. with the Office | | | |
| State (that is, country) of nationality: US | State (that is, country US | y) of residence: | | | |
| This person is applicant all designated for the purposes of States all designated the United States | | the States indicated in the Supplemental Box | | | |
| Box No. III FURTHER APPLICANT(S) AND/OR (FURTH | HER) INVENTOR(S) | | | | |
| Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) DOWDY, Stephen F. 5761 Waverly Avenue La Jolla, CA 92037 United States of America | | This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below) | | | |
| | | Applicant's registration No. with the Office | | | |
| State (that is, country) of nationality: US State (that is, country) of residence: US | | | | | |
| This person is applicant all designated all designated for the purposes of States all designated the United States | | the States indicated in the Supplemental Box | | | |
| Further applicants and/or (further) inventors are indicated on a continuation sheet. | | | | | |
| Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE | | | | | |
| The person identified below is hereby/has been appointed to act on to fithe applicant(s) before the competent International Authorities as | : 🔼 | agent common representative | | | |
| Name and address: (Family name followed by given name; for a legal entity The address must include postal code and name of cour | , full official designation. ntry.) | Telephone No. (858) 678-5070 | | | |
| BAKER, Joseph R., Jr. Fish & Richardson P.C. | | Facsimile No. (858) 678-5099 | | | |
| 12390 El Camino Real San Diego, California 92130 | | Teleprinter No. | | | |
| United States of America | | Applicant's registration No. with the Office 40,900 | | | |
| Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent. | | | | | |

Sheet No. 2

| Continuation of Box No. III FURTHER APPLICANT(S) AND | OR (FURTHER) I | NVENTOR(S) | |
|--|-----------------------------|--|--|
| If none of the following sub-boxes is used, this sheet should not be include | ed the request. | | |
| Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) | | This person is: applicant only | |
| WADIA, Jehangir S. | | applicant and inventor | |
| 3205-12 Via Alicante La Jolla, CA 92137 | | inventor only (If this check-box | |
| United States of America | | is marked, do not fill in below) Applicant's registration No. with the Office | |
| | | | |
| State (that is, country) of nationality: CA | State (that is, count US | ry) of residence: | |
| This person is applicant all designated all designated State all designated States the United States of | | the United States the States indicated in the Supplemental Box | |
| Name and address: (Family name followed by given name; for a legal entity, full of address must include postal code and name of country. The country of the address the applicant's State (that is, country) of residence if no State of residence is indicated. | indicated in this Box is | This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below) Applicant's registration No. with the Office | |
| State (that is, country) of nationality: | State (that is, coun | try) of residence: | |
| This person is applicant all designated all designated States or the purposes of: all designated States or the United States or the Un | | the United States the States indicated in the Supplemental Box | |
| Name and address: (Family name followed by given name; for a legal entity, full address must include postal code and name of country. The country of the address the applicant's State (that is, country) of residence if no State of residence is indicate | indicated in this Box is | This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below) Applicant's registration No. with the Office | |
| State (that is, country) of nationality: State (that is, country) | | try) of residence: | |
| This person is applicant all designated all designated State for the purposes of: | | he United States the States indicated in the Supplemental Box | |
| Name and address: (Family name followed by given name; for a legal entity, full address must include postal code and name of country. The country of the address in applicant's State (that is, country) of residence if no State of residence is indicated be | dicated in this Box is the | | |
| State (that is, country) of nationality: | State (that is, cour | ntry) of residence: | |
| This person is applicant all designated all designated States except the United States of America of America only the Supplemental Box | | | |
| Further applicants and/or (further) inventors are indicated on another continuation sheet. | | | |

Supplemental Box

If the Supplemental Box is not used, this sheet should not be included in the request.

- If, in any of the Boxes, except Boxes Nos. VIII(i) to (v) for which a special continuation box is provided, the space is insufficient to furnish all the information: in such case, write "Continuation of Box No ..." (indicate the number of the Box) and furnish the information in the same manner as required according to the captions of the Box in which the space was insufficient, in particular:
- (i) If more than two persons are to be indicated as applicants and/or inventors and no "continuation sheet" is available: in such case, write "Continuation of Box No. III" and indicate for each additional person the same type of information as required in Box No. III. The country of the address indicated in thisBox is the applicant's State (that is, country) of residence if no State of residence is indicated below;
- (ii) if, in Box No. II or in any of the sub-boxes of Box No. III, the indication "the States indicated in the Supplemental Box" is checked: in such case, write "Continuation of Box No. II or "Continuation of Box No. III" and No. III" (as the case may be), indicate the name of the applicant(s) involved and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is applicant:
- (iii) if, in Box No. II or in any of the sub-boxes of Box No. III, the inventor or the inventor/applicant is not inventor for the purposes of all designated States or for the purposes of the United States of America: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the inventor(s) and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is inventor;
- (iv) if, in addition to the agent(s) indicated in Box No. IV, there are further agents: in such case, write "Continuation of Box No. IV" and indicate for each further agent the same type of information as required in Box No. IV;
- (v) if, in Box No. VI, there are more than three earlier applications whose priority is claimed: in such case, write "Continuation of Box No. VI" and indicate for each additional earlier application the same type of information as required in Box No. VI.
- If the applicant intends to make an indication of the wish that the international application be treated, in certain designated States, as an application for addition, certificate of addition, inventor's certificate of addition or utility certificate of addition: in such case, write the name or two-letter code of each designated State concerned and the indication "patent of addition" or "certificate of addition," "inventor's certificate of addition" or "utility certificate of addition," the number of the parent application or parent patent or other parent grant and the date of grant of the parent patent or other patent grant or the date of filing of the parent application (Rules 4.11(a)(iii) and 49bis.1(a) or (b)).
- 3. If the applicant intends to make an indication of the wish that the international application be treated, in the United States of America, as a continuation or continuation-in-part of an earlier application: in such a case, write "United States of America" or "US" and the indication "continuation" or "continuation-in-part" and the number and the filing date of the parent application (Rules 4.11(a)(iv) and 49bis.1(d)).

This application is a continuation of USSN 60/480,065 filed on 20 June 2003.

Sheet No. 4

| | Box No. V DESIGNATIONS | | | |
|--|--|--|---|--|
| The filing of this request co date, for the grant of every | The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents. | | | |
| However, | | | | |
| DE Germany is not | designated for any kind of na | ational protection | | |
| KR Republic of Kor | ea is not designated for any l | kind of national protection | | |
| RU Russian Federati | ion is not designated for any | kind of national protection | | |
| (The check-boxes above may law, or an earlier national a provisions in these and certa | be used to exclude (irrevocably pplication from which priority in other States.) | y) the designations concerned i is claimed. See the Notes to Bo | n order to avoid the ceasing op x No. V as to the consequences | f the effect, under the national s of such national law |
| Box No. VI PRIOR | RITY CLAIM | | | |
| The priority of the following | ng earlier application(s) is her | reby claimed: | | |
| Filing date of earlier application | Number of earlier application | | Where earlier application i | s: |
| (day/month/year) | | national application: country or Member of WTO: | national application:* regional Office | international application: receiving Office |
| item (1) 20 June 2003 20/06/2003 | 60/480,065 | US | | |
| item (2) | | | | |
| item (3) | | | | |
| | 1 | <u> </u> | <u> </u> | |
| Further priority claims are indicated in the Supplemental Box. The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as: | | | | |
| all items item | m (1) item (2) | item (3) | other, s | see Supplemental Box |
| *Where the earlier applicat Industrial Property or one I | ion is an ARIPO application, Member of the World Trade C | indicate at least one country Organization for which the ea | party to the Paris Convention | on for the Protection of |
| | | | | |
| | NATIONAL SEARCHING | | | |
| Choice of International S international search, indic | Searching Authority (ISA) (in a case the Authority chosen; the | if two or more International S two-letter code may be used) | Searching Authorities are co : | mpetent to carry out the |
| ISA/ US | •••••• | | | •••••••••• |
| Request to use result of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority): | | | | |
| Date (day/month/year) Number Country (or regional Office) | | | | |
| Box No. VIII DECLARATIONS | | | | |
| The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable check-boxes below and indicate in the right column the number of each type of declaration): Number of declarations | | | | |
| Box No. VIII (i) Declarations as to the identity of the inventor : | | | | |
| Box No. VIII (ii) Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent: | | | | |
| Box No. VIII (iii) Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application: | | | | : |
| Box No. VIII (iv | Box No. VIII (iv) Declaration of inventorship (only for the purposes of the designation of the United States of America): | | | : |
| Box No. VIII (v) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty : | | | | |

| Box No. IX CHECK LIST: LANGUAGE | OF FILING | |
|---|--|--|
| This international application contains: (a) In paper form, the following number of sheets: | This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item): | Number of items |
| request (including | 1. fee calculation sheet | :1 |
| request (including declaration sheets) : 5 | 2 original separate power of attorney | : |
| deciaration sixes) . 5 | 3. original general power of attorney | : |
| description (excluding sequence listings and/or tables : 52 | 4. Copy of general power of attorney; reference number, if any: | :1 |
| related thereto) : 7 | 5. statement explaining lack of signature | . 1 |
| . 1 | 6. priority document(s) identified in Box No. VI as | · |
| abstract | | |
| drawings : 8 | item(s) | ······································ |
| Sub-total number of sheets : 73 | (language): | ······:::::::::::::::::::::::::::::::: |
| sequence listings : | 8. separate indications concerning deposited microorganis or other biological material | m : |
| tables related thereto : | sequence listings in computer readable form | |
| (for both, actual member of | (indicate type and number of carriers) | : |
| sheets if filed in paper form whether or not also filed in computer readable form; | (i) copy submitted for the purposes of international sea Rule 13ter only (and not as part of the international a | |
| see (c) below) | | |
| Total number of sheets 73 | (ii) (only where check box (b)(i)or (c) (i) is marked in | left column) : |
| (b) only in computer readable form (Section 801(a)(i)) | additional copies including, where applicable, the copurposes of international search under Rule 13ter | opy for the |
| (i) sequence listings | (iii) together with relevant statement as to the identity of | |
| (ii) tables related thereto | copies with the sequence listings mentioned in left | |
| (c) also in computer readable form (Section 801(a)(ii)) | 10. tables in computer readable form related to sequence list (indicate type and number of carriers) | : |
| | (i) copy submitted for the purposes of internation. Section 802(b-quater) only (and not as part of the purposes) | al search under |
| (i) sequence listings (ii) tables related thereto | application) | ne international : |
| Type and number of carriers (diskette, | (ii) (only where check-box (b)(ii) or (c)(ii) is market additional copies including, where applicable, t | he copy for the |
| CD-ROM, CD-R or other) on which are | purposes of international search under Section | |
| contained the: | (iii) together with relevant statement as to the ident copies with the tables mentioned in left column | |
| Sequence listings: | | • |
| tables related thereto: | 11. Souther (specify) Transmittal ltr.; Return receipt pos | tcard::2 |
| (additional copies to be indicated under items | | |
| 9(ii) and/or 10(ii), in right column) | | |
| Figure of the drawings which | Language of filling of the | |
| should accompany the abstract: | international application: English | i |
| Box No. X SIGNATURE OF APPLICAN Next to each signature, indicate the name of the person sig | T, AGENT OR COMMON REPRESENTATIVE ming and the capacity in which the person signs (if such capacity is not obv | ious from reading the request) |
| | | |
| 160000 | _ | |
| Joseph R. Baker, Jr., Reg. No. 40,900 | | |
| 1. Date of actual receipt of the purported | For receiving Office only | |
| international application: 3. Corrected date of actual receipt due to later b | | 2. Drawings: |
| timely received papers or drawings completing the purported international application: | | received: |
| 4. Date of timely receipt of the required corrections under PCT Article 11(2): | · | |
| 5. International Searching Authority | Transmittal of search copy delayed | not received: |
| (if two or more are competent): ISA / | 6. until search fee is paid | |
| | For International Bureau use only | |
| Date of receipt of the record copy by the International Bureau | | ' |
| | | |

eet is not part of and does not count as a sheet of the interna. - For receiving Office use only FEE CALCULATION SHEET International Application No. Annex to the Request Applicant's or agent's Date stamp of the receiving office file reference 15670-044WO1 Applicant The Regents of the University of California CALCULATION OF PRESCRIBED FEES 300.00 T 1. TRANSMITTAL FEE 1,000.00 S 2. SEARCH FEE..... ISA/US International Search to be carried out by (If two or more International Searching Authorities are competent to carry out the International search, indicate the name of the Authority which is chosen to carry out the International search.) 3. INTERNATIONAL FEE Where items (b) and/or (c) of Box No. IX apply, enter Sub-total number of sheets Where items (b) and (c) of Box No. IX do not apply, enter Total number of sheets 1,134.00 first 30 sheets 12.00 516.00 i2 43 fee per sheet number of sheets in excess of 30 additional component (only if sequence listings and/or tables related thereto are filed in computer readable form under Section 810(a)(i), or both in that form and on paper, under Section 801(a)(iii): fee per sheet 1,650.00 I Add amounts entered at i1, i2 and i3 and enter total at I (Applicants from certain States are entitled to a reduction of 75% of the international fee. Where the application is (or all applicants are) so entitled, the total to be entered at I is 25% of the international filing fee.) P FEE FOR PRIORITY DOCUMENT (if applicable) 20.00 \$2,970.00 5. TOTAL FEES PAYABLE TOTAL Add amounts entered at T, S, I and P, and entered total in the TOTAL box The designation fees are not paid at this time.

cash

coupons

Signature:

postal money order

MODE OF PAYMENT

authorization to charge

deposit account (see below)